DOCUMENT RESUME

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ABSTRACT

Free teaching materials suitable for elementary school science available from 168 agencies and companies are listed. Materials include booklets, teacher's source books and guides, charts and posters, and concrete materials such as mineral samples. Suggestions and materials for student activities range from experiments to song sheets. Topics include conservation and use of natural resources, forestry, wildlife, animal care, health education, space science, industrial processes and commercial products, and information on science careers. Annotations indicate the content and quality of the materials. Each entry is coded for appropriate level (upper or lower elementary) and for suitability for teacher reference or student use. (EB)

ED034687

CONSERVATION AND ENVIRONMENTAL SCIENCE CENTER
FOR SOUTHERN NEW JERSEY

FREE TEACHING MATERIALS:

CLASSROOM AND CURRICULUM AIDS FOR ELEMENTARY SCHOOL SCIENCE

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

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COMPILED BY: Roger J. Raimist, Glassboro State College and Rose A. Mester, City of Camden Public Schools

EDITED BY: Norma T. Vivian, Dissemination Consultant, Conservation & Environmental Science Center

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1. **U.S. Department of Agriculture**

Land and Living in Alaska
Excellent booklet answering questions about Alaska.
LE, UE; T (1)

Wildlife in Alaska
A beautiful large, full-color poster with topographic map of Alaska and drawings of Alaskan wildlife. Excellent. LE, UE; T (1)

2. **State of Alabama**

Many technical and non-technical reports, booklets, etc. Some are listed below:

Pruning Trees - Technical Note #5
UE; T (2)

Fertilizing Trees - Technical Note #6
UE; T (2)

The Southern Pine - Alabama's State Tree
LE, UE; T (2)

How to Plant Forest Tree Seedlings
LE, UE; T, S (2)

Edible Fruits of Forest Trees
LE, UE; T (2)

3. **Aluminum Company of America**

Fabricating Alcoa. Aluminum: From Ingot to Mill Product.
A well illustrated two-color chart describing the treatment of aluminum from metal bars to finished products. 12 x 28 inches. UE, T (3)

Smelting
A well illustrated two-color chart describing the smelting process of aluminum. 12 x 21 inches.
UE, T (3)

The Uses of Aluminum
A well illustrated booklet describing many uses to which aluminum can be put. 31 p. LE, UE, T, S (3)

Refining
Shows the refining of aluminum in a diagramatic fashion. A good illustration of a refining process. 12 x 21 inches, two-color chart. UE, T (3)

A Brief Story of Aluminum and Alcoa
A brief account of what aluminum is and how it can be used. Contains product definitions. 15 p.
UE; T, S (3)

The Story of Aluminum

An excellent historical and technical account of discovery, refinement and utilization of aluminum. A wel illustrated booklet. Also contains some career information.

UE; T, S (3)

Aluminum Materials Samples

Useful samples of bauxite, alumina, cryolite, aluminum. These materials illustrate the refining process. A useful item.

LE, UE; T, S (3)

Charles Martin Hall, Father of the Aluminum Industry

An interesting book for teacher and student.

UE; T, S (3)

4. **American Cancer Society**

Ask for a listing of Free Teaching Aids. This contains listing of excellent materials for use at various grade levels. Includes posters, displays, etc.

LE, UE, T, S (4)

5. **Gloucester County Chapter**

A great number of materials available, some of which follow:

Biology Experiments for High School Students

a 135-page booklet containing 27 exercises dealing in experiments (biology) as related to cancer. Also contains a glossary. Excellent and informative.

UE, T (5)

Cancer Invades

A trans-vision of lung and what happens as cancer invades. A must for any health unit, and for any teacher.

UE, T, S (5)

Youth Looks at Cancer

Excellent. UE, T (5)

Narrowing the Search UE, T (5)

Leukemia UE, T, S (5)

Cigarettes UE, T, S (5)

Science Against Cancer UE, T, S (5)

1969 Cancer Facts and Figures UE, T (5)

Selected References on Cancer UE, T (5)

Cigarette Smoking and Lung Cancer

UE, T, S (5)

Where There's Smoke - 16 page comic book

UE, S (5)

8 1/2 x 11 posters showing different athletes saying they don't smoke. Excellent for health units.

UE, T, S (5)

6. **American Chemical Society**

"Is Chemical Technology the Career for You? 12 p.
"A Chemistry Project from Start to Finish." 20 p.
"Shall I Study Chemistry?" 12 p.
"Chemistry and Your Career" 20 p.

UE, T (6)

"Selected Titles in Chemistry"
An annotated bibliography of inexpensive books for student, teacher and general readers.

LE, UE, T (6)

7. **American Dental Association**

Dental Health Facts for Teachers
Manual about structure and function of teeth, dental caries, malocclusion; periodontal diseases, diet and dental health. Gives suggestions for dental health activities on all grade levels and lists books, charts, pamphlets and filmstrips available.

LE, UE, T (7)

8. **American Forest Products**

Large wall poster with r ap of the United States as main illustration. Full color - Forests and Trees of the U.S. Shows the leading commercial trees in each of six forest regions in the U. S.

LE, UE. T (8)

Large wall poster. Shows Growth of a Tree - in color, from seed, to seedling, to sapling. Shows the parts of a tree, and the enemies of trees in a forest. A visual-aids help, stimulate creative discussion and interest, stimulate further research on trees and the functions of the different parts of a tree. Bulletin board display.

LE, UE, T (8)

Teacher's manual and materials for teaching forest conservation and multiple-use forest management. The teacher's manual is sent with these materials:

"The Forest Adventures of Mark Edwards"
"It's a Tree Country"
"The Story of Pulp and Paper" UE, T, S (8)

9. **American Forestry Association**

"You Can Be A Conservationist" - A Story for Young Americans by Charles Edgar Randall, reprinted from American Forests, (April, 1966). This booklet discusses conservation of our natural resources in terms of what these resources are, how we use them and what we can do to protect them. It is written in simple terms for the young reader to understand, and it is meant to motivate children to become actively involved in conservation practices.

Topics discussed are:

1. Renewable and Non-renewable Resources
2. Soil
3. Water
4. Forests
5. Grasslands
6. Wildlife LE, UE, T, S (9)

10. **Educational Service Bureau**

Experiments With Gas

A book of classroom experiments using gas designed for use at 7, 8, 9th grades. Excellent. 36 p.
UE, T (10)

11. **American Humane Association**

Booklets available on the humane treatment and care of "Puppies and Dogs" and "Kittens and Cats." Each of the above sets comes with a teachers guide giving suggested methods of teaching and suggested activities that could be used. Each of above booklets comes with one set of four posters. Other materials also available. Excellent.
LE, UE, T, S (11)

12. **American Iron and Steel Institute**

Journey of Discovery With Mark Steel

Cartoon booklet about steel. LE, UE, T, S (12)

The Picture Story of Steel

A beautiful book describing the steel industry and the steel making process. LE, UE, T, S (12)

13. **American Littoral Society, Inc.**

"Advisor's Handbook"

Reference lists of available films, periodicals, paperbacks on marine science. LE, UE, T (13)

Fish and Man by John Clark, Special Publication No. 5

Advisement and warning to man that he must develop wiser methods of fish conservation and report of the extent and rate of depletion of fish resources along the Atlantic coastal areas. Also report of what states involved are doing, and what each individual can do to help. Excellent. 76 p. LE, UE, T (13)

14. **American Medical Association**

Health Education Materials Catalogue.

Various pamphlets on health, school health services, acne, menstruation, smoking, poisons, vitamins.
LE, UE, T (14)

15. **American Museum of Natural History**

How to . . . leaflets:

1. How to make and use safe insect-killing jars
2. How to make and use insect nets
3. How to collect insects and spiders for scientific study
4. How to mount and label hard-bodied insects
5. How to make and use spreading boards for insects
6. How to preserve a collection of soft-bodied insects and spiders
7. How to keep and rear living insects and spiders

LE, UE, T, S (15)

16. **American National Red Cross**

Set of 17 Safety Posters, 8 1/2 x 11, with instructions and suggestions for use in classroom, cover such topics as:

fire	water safety	hazards
good food	poisons	bicycles
street safety	germs	weather

All levels - could be correlated with science, health, social studies. Excellent.

LE, UE, T (16)

17. **American Optometric Association**

Your Vision and How it Works

A 12-page booklet giving the structure of the eye and how it functions. Illustrations are included. Excellent.

LE, UE, T (17)

All About Vision

A catalogue of literature, pamphlets, books, film, and other materials. LE, UE, T (17)

18. **American Paper Institute**

How You Can Make Paper

3-page pamphlet. Homemade method of making paper.

LE, UE, T, S (18)

19. **American Textile Manufacturers Institute, Inc.**

Textile Teaching Kit

Contains ten 10 1/2 x 13 1/2 inch pictures, "Textile Production Story."

Textiles for You

Booklet tracing manufacturing processes and scope of industry. Order form for filmstrip. Mankind's Magic Carpet - a color booklet of textiles and man's progress. Suggested questions based on the Kit. Distribution chart (cotton, wool, etc.). Classroom poster about uses for textiles. Sample card (13 1/2 x 20) containing samples of fibers and fabrics.

LE, UE, T, S (19)

20. **Anaconda Company, The**

Copper, How it is Mined and Refined

Five-page technical report. UE, T (20)

Minerals of Montana

Samples of minerals found in Montana. Small but excellent. Beautiful minerals. LE, UE, T, S (20)

Chuquecamata

A beautiful 33 page book describing copper mining in Chile. Excellent photographs. LE, UE, T, S (20)

Copper is the Trunk of an Indispensable Family Tree

A two-page, full-color chart showing copper utilization and U.S. map of copper mining areas. Well done. LE, UE, T, S (20)

21. **Anchor Hocking Glass Corporation**

Billions of Bottles

Thirty-page booklet. Story of the glass bottle. Good. LE, UE, T (21)

The Story of Glass Containers

Fourteen-page reprint from Grade Teacher, (written for children - lists of activities following each section). Interesting. LE, UE, T, S (21)

22. **AO Instrument Company**

The Microscope

A well-developed manual (63 Pages) equipped to acquaint the user with the nature and possibilities of the microscope, and also some of its limitations and brief instructions for the use and care of the instrument. LE, UE, T (22)

23. **Arabian American Oil Company**

ARAMCO Poster Series

25 posters covering many aspects of life in Arabia. Examples: conservation, oil industry, weather, Arabian animals, medicine, oasis, farming. Each paper poster is approximately 22" x 17", and includes written information as well as pictures. LE, UE, T (23)

24. **Armour Company**

History of the American Food Industry

Use of refrigeration in the meat industry, inedible products of meat packing, and new products through research. Also large map showing where different foods come from in the U.S. LE, UE, T, S (24)

25. **Atlantic County Tuberculosis & Health Association**

A variety of pamphlets touching on such subjects as pneumonia, the common cold, bronchitis, pleurisy, influenza, asthma, TB, etc. Also children's booklet on Ways to Keep Well and Happy.

LE, UE, T, S (25)

26. **Atlantic States Marine Fisheries Commission**

Marine Resource Leaflet Series

An excellent series of leaflets on marine plants and animals of economic value. Includes the biology, etc. Excellent. LE, UE, T, S (26)

27. **Bell Telephone Laboratories**

Mr. Bell Invents the Telephone

This is an 83-page book written on an intermediate level. It describes how the telephone was invented. Excellent and nicely illustrated.

UE, T, S (27)

How the Telephone Works

A booklet describing in simple terms how a telephone operates. Nicely done and explains it well.

LE, UE, T, S (27)

28. **Board of Game and Fish Commissioners**

Brief Life Histories of Some Delaware Fish and Wildlife

A booklet giving a picture and good description and information on 20 forms of wildlife. The information does not particularly pertain to Delaware itself, although the animals chosen are those found in Delaware. Most of them are quite common to many states, such as the gray squirrel, red fox, raccoon. Excellent. LE, UE, T, S (28)

29. **Bulova Watch Company**

Booklets entitled Timekeeping in the Space Age; A Switch in Time (story of U.S. satellite timers); The Pursuit of Accuracy (a brief history of fifty centuries of timekeeping. Useful.

LE, UE, T (29)

30. **California Redwood Association**

Booklet entitled Our Growing Redwoods. Pamphlets on redwood conservation and tree farms, physiology of trees, and The Story of the Redwood Forest. Wall chart depicting the growth of a tree from a seedling to a full-grown tree. Excellent.

LE, UE, T (30)

31. **California State Department of Education**

1. Outdoor Education on Your School Grounds.
2. Teaching Conservation and Natural Science in the Outdoors.

Booklet #1 - a manual for teachers which covers the ways in which science study may be conducted out-of-doors. Suggestions are divided for suitability in primary, intermediate, and upper grades. Excellent. LE, UE, T (31)

Booklet #2 - a handbook for teachers, camp leaders, counselors and youth leaders in preparing and carrying out programs in outdoor education. Air, water, rocks, sunlight, soil, plants, animals, etc. 47 p. LE, UE, T (31)

32. **Camden County Heart Association**

This organization publishes a wealth of information useful at all grade levels - literature, posters, etc. Excellent ones among them are listed below. Do look at others and ask for specific needs.

1. About Your Heart and Bloodstream.
2. Your Heart and How it Works. LE, UE, T, S (32)

33. **Camden County Mosquito Extermination Commission** sion

The Story of the Mosquito and its Control
Excellent book on biology of the mosquito and its control. LE, UE, T, S (33)

Control Mosquitos in and Around the Home
LE, UE, T, S (33)

34. **Camden County Soil Conservation Service**

1. Comic book "Dennis the Menace and Dirt." Tells about good land use. LE, UE, S
2. Comic book "The Story of Land." LE, UE, S
3. Booklet "Soil Conservation at Home." Bulletin #244. For suburban dwellers. LE, UE, T, S
4. Booklet "Teaching Soil and Water Conservation." Experiments on conservation topics. PA 341. LE, UE, T
5. Pamphlet "Water Facts." Questions and answers about water. PA 337. LE, UE, T
6. Booklet "The Soil That Went to Town." Picture book with short explanations. AIB 95 LE, UE, T, S
7. Pamphlet "What is a Watershed?" PA 420 LE, UE, T, S

8. Booklet "Soil and Water Conservation Activities." Experiments for elementary school age. PA 348
LE, UE, T

9. "Soil Erosion." How water and wind ruin land - Bulletin #260. LE, UE, T (34)

35. **Camden County Tuberculosis & Health Association**

1. 17"x22" chart of respiratory system.
2. Four 8 1/2 x 11 posters about cigarettes, TB, colds.
3. Nine large 12x18 posters of health subjects.
all LE, UE, T (35)

Small booklet - Ways to Keep Well and Happy.
Health guide for upper elementary grades. Interesting and eye-catching. Easy to read.
UE, S (35)

Tiny booklet - This is Mr. TB Germ.
Teaches how TB germs cause TB. Illustrations and wording are very simple.
LE, UE, S (35)

Small booklet - Tuberculin Tests for Your Pupils.
Facts about tuberculin tests and TB.
Health program - preparing children to receive their TB tests. LE, UE, T (35)

Small booklet - Help Fight Tuberculosis.
Teaches about TB and prevention on elementary level. Easy to read. "Test Yourself" questions after each chapter. UE, S (35)

36. **Campbell's Soups**

Glossy, colored pictures (about 8"x8") of:

steer	chicken	meat
green vegetables	tomato	root vegetables
peas in a pod	pitcher of milk	clams
basket of vegetables	turkey	

Excellent. LE, UE, T, S (36)

37. **Cereal Institute, Inc.**

The Good Grains
An eight-page elementary teacher's guide concerning the various types of cereal grains. It sets up a basic format that teachers can follow in order to make their students more knowledgeable in the area of breakfasts and good grains. The book is not complete in itself, but should be used with other materials published by the Cereal Institute.

Grain From Farm to Table. Color filmstrip with captions. Shows steps in breakfast cereals' farm-to-table story - farming, processing, and distributing. Grain chart and elementary teacher's guide sent with filmstrip. UE, T (37)

Skimpy and a Good Breakfast. Color filmstrip with captions. Breakfast chart and elementary teacher's guide sent with filmstrip. LE, T (37)

Breakfast Source Book.
36-page, 8 1/2" x 11" authoritative reference book in color on the importance of an adequate breakfast. Scientific breakfast studies with complete bibliography, nutrition information on a basic breakfast pattern and a moderate low-fat cereal and milk breakfast are presented.
LE, UE, T (37)

Better Breakfast Activities.
16-page, 8 1/2" x 11" colorful guide for elementary teachers includes breakfast and cereal facts and related learning experiences. LE, UE, T (37)

A Basic Breakfast Pattern.
Colorful, 16" x 22" chart illustrating foods for a basic breakfast. Chart is designed so it may be cut out and used as a mobile. LE, UE, T, S (37)

Grains - Origin of Breakfast Cereals.
Colorful, 16" x 22" chart with illustrations of barley, corn, oats, rice, and wheat and cross sections of grain kernels with main structural parts identified. LE, UE, T (37)

The Importance of Carbohydrates.
Informative pamphlet on carbohydrates.
LE, UE, T (37)

38. **Charles Pfizer and Company, Inc.**

Of Men and Molds. Article on developments in fermentation chemistry. UE, T, S (38)

Molds. Article and detailed illustrations defining and giving uses for various types.
UE, T (38)

Our Smallest Servants.
Booklet. Also request other educational information which includes film lists, a poster on the molds, and mimeo sheets on topics of vaccines, vitamins, and experiments. 33 pages, in color, including pictures and information on the scientific achievements: the ability to harness microscopic living creatures in the service of mankind. Bibliography. UE, T, S (38)

A Guided Tour Through a Microscopic Jungle.
Picture chart of different types of molds.
LE, UE, T (38)

39. **Chrysler Corporation**.

Huge chart of automobile chassis parts, showing engine, transmission, driveshaft, etc.

(39)

40. **Colgate Company**

Colgate's Toothbrushing Instruction Kit.

Kit includes filmstrip and teacher's guide, wall chart, and disclosing tablets and instruction leaflet for each student. Excellent.

LE, UE, T S (40)

41. **Con Edison**

Infinite Energy.

Beautifully illustrated booklet about nuclear power and its uses today and in the future.

UE, T (41)

Atomic Energy.

Booklet written on the intermediate level telling about atomic energy through simple language, diagrams, and pictures. It explains atoms and how energy is obtained from it, and for what purposes it can be used. LE, UE, T, S (41)

How Man Put Electricity to Work.

The story of electricity in cartoon and simple text discusses static electricity, electricity from chemistry, and magnets and electricity. The important contributions of scientists such as Voka, Faraday, Oersted and Edison are mentioned.

LE, UE, T, S (41)

42. **Conservation Education Foundation of Maine**

A list of available publications and materials dealing with conservation. LE, UE, T (42)

Conservation Education Program for Elementary Schools.

A series of six booklets written on various phases of conservation. Each booklet is written in lesson plan form with follow-up suggestions. Each booklet offers suggestions for study in the elementary schools of one phase of conservation at three levels: lower elementary, middle elementary and upper elementary. Bibliographies and additional materials available. Subjects treated in the six booklets are: soil, water, wildlife, inland fish, sea and shore, and forestry. LE, UE, T (42)

43. **Cooperative Extension Service**

Catalogue of Forestry Aids.
An excellent listing of all available sources and items - slides, movies, filmstrips, publications.
LE, UE, T (43)

Catalogue of Publications.
Excellent list. LE, UE, T (43)

Poison Ivy, Poison Oak, and Poison Sumac - FB 1972
A useful book on identification, precautions and eradication. LE, UE, T, S (43)

Poison Ivy and its Control - 242 A LE, UE, T, S (43)

Ragweed and its Control - 238
A useful booklet. LE, UE, T, S (43)

A Guide to Nature Study in New Jersey.
Feb. 1968. Leaflet 433. Source booklet for free and inexpensive material available on nature. Lists films, booklets, posters, field trips, speakers, etc. Excellent. A must item. LE, UE, T (43)

44. **Corn Products Company**

The Unusual Story of the Peanut.
An interesting booklet about peanuts, their history, biology and economics. A useful book.
LE, UE, T, S (44)

45. **Corning Museum of Glass**

At Your Service, Department of Education.
A most valuable pamphlet describing films, filmstrips, slide lectures, transparencies, exhibits and services made available to schools. A must from a historical and scientific approach. LE, UE, T (45)

This is Glass.
A beautifully illustrated booklet on glass. Artistic and technical. 50 p. UE, T (45)

46. **Cossman and Levine, Inc.**

Ant Watcher's Handbook.
Tells much about the way of life of ants in general, their personal makeup, etc. Directions for finding, keeping, and feeding ants. Offer of purchase for classroom ant farm and bibliography of other books on ants.

(46)

47. **Diary Council, Inc.**

1. Chart for wall - Foods. LE, UE, T (47)
2. Booklet "Uncle Jim's Dairy Farm." LE, T (47)
3. What will I Be A-Z. LE, T (47)
4. "My Character Guide."
   Booklet for class. LE, T (47)
5. Pictures of cows for bulletin boards. LE, UE, T (47)

Chart - Old Songs with New Words.
9 clever worded health songs - one for each child. LE, T (47)

Food for Health in the lower Delaware Valley.
Literature for each child on healthful foods. LE, UE, T (47)

48. **Department of Game**

Fish and Wildlife Kit
Washington State Elementary Science Sourcebook. LE, UE, T (48)

49. **E.I. DuPont de Nemours & Company**

Chemicals in Your Daily Life. LE, UE, T (49)

Chemistry and the Farmer.
Excellent. UE, T (49)

The Story of Cellulose. UE, T (49)

Frontiersman of the Future. UE, S (49)

50. **Eastman Kodak Company**

Source book of 2" x 2" color slides.
Gives names and addresses of places where these slides on various subjects can be obtained. Useful in classroom teaching as additional aids. Excellent sourcebook. LE, UE, T (50)

Photography - Vital Tool in Science.
Folio of beautiful 9 x 12 color photos of various scientific subjects from insects to moon shots. Extremely valuable. LE, UE, T, S (50)

How to Make and Use a Cartridge Pinhole Camera.
An excellent science experiment. LE, UE, T, S (50)

How to Make and Use a Pinhole Camera.
Excellent booklet. LE, UE, T, S (50)

51. **Edmund Scientific Company**

Astronomy and You.
16 pages (comic book type) about astronomy (history, telescopes). Interesting. LE, UE, T, S (51)

52. **Eli Lilly and Company**

Facts and characteristics of poison ivy, poison oak, and poison sumac. Also included are a plastic leaf of each.
The Children's Zoo, an attractive little book, is also available. It has colored pictures of animals (10) and descriptions of each in poetic form. LE, UE, T, S (52)

Comic book "Keith and Tommy Climb to A New Life." May 1967. PJ-8310-AMD.
How to live with diabetes. UE, T, S (52)

Booklet "The Triad of Infection."
About the host, bacteria and antibiotics associated with infection. MG-0420-AMB.
UE, T, S (52)

Healers From the Sea. Booklet describing the history of the discovery of antibiotics that are developed from sea matter.

53. **Florida Citrus Commission**

Many large posters (colorful, eye-catching) for bulletin boards. Excellent.

A Good Breakfast is Fun; We Help You Keep Fit.
The Nutrition Ladder to Better Health; Keep Physically Fit.
Food Makes the Difference in Dental Health.
Citrus is Year-Round Source of Vitamin C.
Citrus Guards Your Health.
Foods for Good Health.
The Citrus Family. LE, UE, T (53)

Ditto Master Citrus Monthly Calendar for coloring putting in days of week, month, etc. LE, UE, T, (53)
Citrus Family Fun Cut-Outs. LE, T, S (53)
Booklet about vitamin C written at child's level. LE, UE, T, S (53)
Ditto Master Story of Florida Citrus. LE, T (53)
Ditto Master Vitamin C. LE, T (53)

54. **Florida Conservation Department**

Conservation of Florida's Resources with Problems and Suggestion:
a. plants and forests
b. water
c. soil UE, T (54)
Salt Water Fishing in Florida. UE, T (54)
Are You Concerned About Water? UE, T (54)

55. **Ford Motor Company**

A History of Measurement (beginning of time to space age)
43" x 34" poster about our linear system.
Full color - magnificent. LE, UE, T (55)
A Car is Born. 32 p booklet.
Developing, making and selling a car. UE, T (55)

56. **Gaines Dog Research Center**

First Aid for Dogs - What to do in an Emergency.
16 p. practical, brief, clear booklet has high value for human as well as canine first aid.
LE, UE, T, S (56)

Feeding Your Dog Right.
Matching scientific nutrition to the specific problem, fat or thin, young or old, large or small. 20 p. LE, UE, T, S (56)

The Distemper Story.
Immunization well presented. 12 p. LE, UE, T, S (56)

Skin and Coat Care of Dogs.
Parasites, ringworm, eczema, hives, and grooming advice. Might have important meaning to some children. 16 p. LE, UE, T, S (56)

Welcoming Your New Puppy.
A first rate manual of proper care for any dog, but especially any puppy. Practical, limited advertising, good illustrations. Has high interest for children, good material on nutrition, scientific training, and how the layman can cooperate with a vet when necessary. LE, UE, T, S (56)

57. **Garden Club of America**

Our Natural Resources.
Booklet. A study guide for teachers, it includes suggestions for teaching conservation, grades 1 - 12. Bibliography and film list were selected to provide material for both teachers and students.
LE, UE, T, S (57)

58. **General Mills, Inc.**

A Teacher's Guide - with bulletin board posters.
This guide is brief but extremely informative. Suggests activities and situations for developing desirable food habits and attitudes about food. The four stages of the guide establish particular appreciations and concepts to be taught. If followed it is sure to fully cover every concept concerning food habits and attitudes. Posters are particularly good for the lower elementary grades. LE, T (58)

59. **General Motors Corporation**

24 x 48" chart in color depicting the working of a two-piston gasoline motor. Explanation and history on back.
UE, T (59)

General Motors Educational Aids.
Listing of materials available. LE, UE, T (59)

Short Stories of Science and Invention.
Selection of C. F. Kettering's radio talks about the world of science and invention. Excellent. UE, T, S (59)

60. **Georgia–Pacific**

Much information useful at all levels.

24 x 36 poster - Forests of the U.S. Color. Excellent.
22 x 34 poster - Products of the Tree Farm.
24 x 34 poster - How Paper Came to America.
Pamphlets about tree farms, seed orchards.
How you can make paper. 4 p. leaflet.
Forest Adventures of Mark Edwards - 31 p. booklet and teacher's manual.
It's a Tree Country. 39 p. book about our U.S. forests.
Small comic books "Our Wonderful Woodlands."

LE, UE, T, S (60)

61. **Gloucester County Tuberculosis & Health Association**

This organization can offer much in the way of teaching health. Ask for general information on teaching aids. In particular, some beautiful, full-color posters, 12 x 16", on sleep, washing hands, coughing, foods. Excellent for display purposes.

LE, UE, T (61)

Chart of respiratory system, 22 x 16, excellent. UE, T (61)

62. **Goodyear Tire and Rubber Company**

The Miracle of Rubber. 23 p. booklet.

Quickly traces history of rubber from 2,600 years ago to the present, and gives glimpses of future uses in space projects. Written in language of children and is fairly interesting. UE, T, S (62)

Charles Goodyear and the Strange Story of Rubber.

This is a reprint from the Reader's Digest of the biography of Charles Goodyear. By Richard Match.

UE, T, S (62)

The Story of the Tire

18 p. booklet which briefs in detail the history of the tire. Pictures are included to better explain each concept expounded upon; how it all started, Charles Goodyear, ingredients that make up a tire, how it is made, and tomorrow's possibilities. An excellent booklet both for wording and information, and for descriptive pictures.

UE, T (62)

63. **Greer Drug and Chemical Corporation**

8 1/2 x 11" color posters of common stinging insects. Beautiful poster material. LE, UE, T (63)

64. **Hammermill Paper Company**

From Forest Tree to Fine Papers.

This is a booklet showing, through pictures, how paper is made from beginning to end. LE, UE, T, S (64)

Would You Like to Make Paper by Hand?

A pamphlet showing how. LE, UE, T (64)

Educational exhibit materials are available from Hammermill.

LE, UE, T (64)

65. **Hartford Insurance Group**

Junior Fire Marshall Plan
- a. hats for each child
- b. song sheets
- c. course of study - lesson plans

Excellent. LE, UE, T, S (65)

66. **Hayes School Publishing Co., Inc.**

9 x 12 picture, in color, of barn owl LE, T (66)

Reference list of available teaching aids LE, UE, T (66)

67. **Health Tex–Standard Romper Co., Inc.**

Large pictures of their advertisements:
Where Do Babies Come From?
Why Do I Have to go to Bed?
Why Aren't We All the Same Color?
What is Love?
Where Do AnimalsGo in the Winter?
Excellent. LE, UE, T (67)

68. **Hershey Foods Corporation**

The Gift of Montezuma - a full-color wall chart. Pictorial and printed account of history of cocoa and chocolate. Steps in process of making chocolate.
Excellent. LE, UE, T (68)

The Story of Chocolate and Cocoa.
Excellent. LE, UE, T, S (68)

69. **Humble Oil & Refining Company**

Will We Have Enough Water?

Discusses water conservation and pollution and how the oil industry is attempting to keep water clean. Good. LE, UE, T, S (69)

The Air We Breathe.

Discusses air pollution, its causes and what is being done to alleviate the problem. Good. LE, UE, T, S (69)

70. **Inland Steel Company**

Inland Makes Steel. Leaflet which spread out could be used nicely on a bulletin board. It shows through colored diagrams how steel and iron are made. It goes through the entire process. UE, T (70)

The Age of Steel. Illustrated booklet telling of the importance of steel, what it is, and how it is made. UE, T, S (70)

71. **International Paper Company**

Three 16-page illustrated booklets on trees, called:
How Trees Put the Rain to Work
The Trees That are Marked for Market
The Little Trees That Went to School

Tells how to prevent loss of topsoil, about seeds, etc. Excellent. LE, UE, T, S (71)

72. **Japan Silk Association, Inc.**

History of Silk - with samples of cocoon, raw silk and cloth.

Silk and Japan - booklet giving colored pictures of silk industry and history of it. UE, T, S (72)

73. **State of Kentucky**

Soil and Water Conservation in Kentucky - Div. of Soil and Water Conservation, 1967. UE, T (73)

Forestry in Kentucky - Div. of Forestry, 1966. Excellent on trees, etc. UE, T (73)

74. **Kellogg's**

An Astronaut Breakfast Game

1. wall charts
2. individual score sheet
3. buttons for all
4. win blue buttons

Teaches what a good breakfast is, and why it is important. LE, UE, T, S (74)

75. **Kimberly–Clark Corporation**

The Life Cycle Center - This kit is a complete unit of study for a teacher to cover the female reproductive system and menstruation. Basically for a sex education course, it includes lists of films and related materials and references. Also has a booklet on training mentally retarded girls. UE, T (75)

76. **Lederle Laboratories**

From series "For Your Information." Reports on:

Smallpox, LPR 178 2-61

Tetanus, Second Deadliest Poison, LPR, 178A 12-64

Gamma Globulin, LPR 178 2-61

Vitamins - Return of the Vitamin Capsule, LPR 178 2-61

Immunization, LPR 178A 12-64

UE, T (76)

77. **Louisiana Department of Agriculture**

A series of excellent books on grain and commercial crops. Well written and illustrated.

1. A Brief Discussion of the History of Cotton
2. Rice
3. A Brief Discussion of the History of Sugar Cane
4. Facts About Cotton LE, UE, T (77)

78. **Louisiana Forestry Commission**

Ten Lessons in Forestry. 55-page booklet by J. Walter Myers, Jr. After each lesson a word study, five review questions, and interesting things you can do after studying lesson are given. Excellent. UE, T, S (78)

Insects of Louisiana Forests. 36-page booklet on insects attacking living trees and insects attacking dead or dying trees. Excellent as a guide to identification. LE, UE, T, S (78)

The following booklets are all excellent for information and as identification guides: UE, T, S (78)

Commercial Trees of Louisiana
Woody Plants of Louisiana - A Checklist
The Unwanted Tree - Its Control and Removal

79. **Louisiana Petroleum Council**

Conserving Our Waters and Clearing the Air.

a. teachers guide
b. student manual
c. research materials
d. poster on water

Excellent. LE, UE, T, S (79)

80. **Louisiana State Soil and Water Commission**

Reference Materials on Conservation of Louisiana's Soil, Water, Plant, Wildlife Resources.

An extensive packet of excellent materials. Among some are:

1. grass makes its own food
2. soil erosion
3. what is a watershed
4. food and the land
5. water and the land
6. 10 little rain devils
7. an outline for teaching conservation in elementary schools
8. water for everybody
9. our American land

LE, UE, T (80)

81. **Louisiana Wildlife and Fisheries Commission**

This state is one of the most concerned and most productive in terms of educational material. There are over 60 pamphlets on a wide variety of topics from squirrels to sharks. Also on various animals called the Louisiana Wildlife Scrapbook. Ask for pamphlets on wildlife and fisheries. LE, UE, T, S (81)

82. **3M Company**

1. Spring 1968 School Catalogue - Curriculum Programs K-12.
   Visual Products Division. LE, UE, T
2. The Big Idea That Changed the Habits of a Nation.
   A brief story of pressure-sensitive tape and its development. LE, UE, T
3. The Tape Recorder in the Elementary Classroom.
   Magnetic Products Division. A handbook of tested uses. LE, UE, T
4. 3M Sandpaper Grit Guide.
   Small chart of sample flint paper. LE, T
5. Sample 3M Products - a box of samples. LE, UE, T
6. Teaching With Video-Tape - Teacher's guide. LE, UE, T
7. Creative Teaching With Tape. LE, UE, T
8. School Catalogue 1968 Wollensak Teaching Tapes.
   Language arts, social studies, science, mathematics LE, UE, T
9. New Creativity in Teaching - 3M visual communications system. Teacher's guide, examples. LE, UE, T (82)

83. **Maine Department of Inland Fisheries and Game**

Publications Catalogue. Different articles, pamphlets, publications and reprints offered by this agency. Excellent. Much offered. LE, UE, T (83)

84. **Maine Forestry Department**

Forest Educational Facts. A small pamphlet loaded with facts about Maine's timberlands, forest industries, forest fire facts, etc. Just enough information to enable the reader to gain a quick insight of the importance of this vast natural resource. LE, UE, T (84)

Forest Trees of Maine (Bulletin 24). A fact book distributed as free material to stimulate greater appreciation and knowledge of the forest trees of Maine. A small book with a LOT of helpful and interesting information. Excellent as a key to tree identification. LE, UE, T, S (84)

Smokey Bear Club Teaching Unit - instructions, song sheets, short play for children. Can be obtained also from U.S. Forest Service. LE, UE, T (84)

85. **U.S. Department of Agriculture**

Color it Green With Trees. A beautifully illustrated calendar showing what each month does to trees, how to care for trees, and seasonal changes. Useful. LE, LE, T, S (85)

86. **State of Maryland**

Oak Leaflets - Monarch of Dye Mills.
A pamphlet discussing a very old oak tree. Interesting. LE, UE, T (86)

87. **Mead Johnson and Company**

Good Teeth For Your Child. Booklet on how teeth develop. Chart for new teeth and care of teeth. Well illustrated. 16 p. LE, UE, T, S (87)

88. **Merck and Company, Inc.**

What's For Lunch? - Chart F-EN-16-01, depicts four basic food groups. 18 x 24", in color. LE, UE, T (88)

Enriched - Booklet tells how flavor is enriched. Excellent. LE, UE, T (88)

Periodic Chart of the Elements - Gives elements, symbol, atomic number, atomic weight, and X-ray notation. P-1068. UE, T (88)

The Slice of Life - An interesting fact booklet on bread. LE, UE, T, S (88)

89. **Metropolitan Life Insurance Company**

Health Heroes Series - Five booklets giving biographical information on:

Walter Reed and the Conquest of Yellow Fever
Marie Curie and the Story of Radium
Louis Pasteur and the Germ Theory of Disease
Florence Nightingale and the Founding of Professional Nursing
The Challenge of Health Research

LE, UE, T, S (89)

Growing and Learning the Early School Years - small booklet. A supplement to their educational films. Outlines common characteristics of children in the early school years.

LE, UE, T (89)

Health Bulletin for Teachers - booklet. Small booklet giving interesting and helpful information in the latest progress in medicine and public health, and the teacher's role in helping children learn good health habits and values. LE, UE, T (89)

90. **State of Michigan**

Conservation Education for Elementary Grades. Teacher's manual. LE, UE, T (90)

91. **U.S. Department of Agriculture**

1. Mississippi Information Kit on Soil and Water Conservation. An excellent collection of material, among them:

Teaching Conservation in High Schools
Teaching Conservation in Elementary Schools
Teaching Soil and Water Conservation

LE, UE, T (91)

92. **Morton Salt Company**

Salt. A beautifully illustrated 25-page booklet on salt, its history, mining, use and importance. Excellent photographs.

UE, T, S (92)

Salt Today and Yesterday - Excellent. A shorter version than above, but essentially the same. 12 p.

LE, UE, T, S (92)

93. **NASA**

This organization offers a great variety of excellent materials. Ask for teacher's packet or be specific.

What's Up There - A sourcebook in space oriented mathematics for grades 5-8. Excellent. Must be seen to be believed.

UE, T (93)

From Here Where - A space mathematics supplement for secondary level. UE, T (93)

NASA Facts - Issued regularly, concerning space program. This is an educational publication available to teachers without charge. Highly informative, both in words and pictures. The vocabulary is scientific and specific, and the reading material highly interesting. Comes in booklet or bulletin board type. Ask to be placed on mailing list for NASA Facts, and for back issues. LE, UE, T (93)

Life Science in a Space Age Setting.

A report submitted to the NASA administration on materials developed at Wayne State University. A good source book on food, air, and water, which is used in space environment. Covers topics on wastes, sanitation, cosmic and man-made radiation, anxiety, and stress in isolation. The book would be ideal for any elementary school teacher's reference book.

LE, UE, T (93)

Space: The New Frontier.

An educational-informational booklet put out by NASA about space, the solar system, space probes and satellites, spacecraft, space exploration, astronaut training, etc. Interesting, informative, and loaded with black and white photographs and drawings. LE, UE, T (93)

NASA Film List. Lists films and borrowing procedures. Science Program. UE, T (93)

Aerospace Bibliography.

Gives a complete listing of published materials of various publishing firms. Contains a chapter on teaching aids and encyclopedias. All of this book deals with some aspect of aerospace and is categorized for primary, intermediate, upper junior high, senior high, and advanced.

LE, UE, T (93)

94. **National Academy of Sciences**

Animal Feeding Demonstrations for the Classroom.

Includes a chick feeding demonstration as conducted in the second grade to show the value of milk in the growth and development of young chicks. Other experiments in nutrition with rats also tells how to construct cages, keep them clean, and care for the animals. Well done.

LE, UE, T (94)

95. **National Apple Institute**

Catalogue of Available Teaching Aids - a guide to films and filmstrips. Also beautiful full-color posters, leaflets, and booklet. Excellent. LE, UE, T (95)

Apples and You - Excellent booklet. LE, UE, T, S (95)

96. **National Association of Hearing and Speech Agencies**

1. Illustration of ear; outer, middle and inner parts. Excellent. 8 1/2 x 11". LE, UE, T, S (96)
2. Four-page report describing parts of ear, how sounds are transported, and problems with hearing. LE, UE, T (96)
3. Suggestions to teachers having hard-of-hearing children in their classes. T (96)
4. Reprint from Today's Health about early detection of hearing problems. T (96)

97. **National Association of Manufacturers**

Let's Come Clean With Our Air and Water.

Large package of informational booklets, pamphlets, letters, etc. telling about water and air pollution and what we can do to help prevent pollution.

1. Water Pollution Control - booklet on prevention
2. Who Pays the Cost of Clean Water - cost of control
3. New Dimensions in Water Conservation
4. Map - Major River Basins in the U.S.
5. Completely Planned Community Program to present the problems of water and air pollution, and how to inspire community participation in working on these problems
6. Trends - Planned or Perchance - industrial trends in pollution prevention
7. Cinderella City - booklet, pictorial, showing Pittsburgh before and after community action on pollution
8. Water in Industry - facts and figures on water use in industry. LE, UE, T (97)

98. **National Audubon Society**

Audubon Aids in Natural Science

A pamphlet describing valuable teaching aids on all aspects of natural science at all age levels. Excellent aids. A must.
LE, UE, T (98)

99. **National Coal Association**

Smog and Weather - An excellent four-page pamphlet on the causes of smog and what can be done. Defines many terms.
LE, UE, T, S (99)

Map of Coal Areas in the U.S. - 9 x 16" two-tone map showing coal areas of U.S. and the type of coal found in each area. Excellent. LE, UE, T, S (99)

Coal: Origin of a Valuable Natural Resource

An extremely valuable booklet for teacher and student on how coal is formed. Excellent photographs showing fossil plants and geographical time scales. 11 p. LE, UE, T, S (99)

Coal - an excellent article reprinted from Worldbook Encyclopedia. Well written and beautifully illustrated. 15 p.
LE, UE, T, S (99)

New Uses for Good Earth - explains good land management.
LE, S (99)

Class Report, Coal - explains how coal is formed, mined and used in America. Illustrated. UE, T, S (99)

Coal Kit - shows different stages in development of coal. Actual samples of peat, lignite, bituminous and anthracite. Excellent. LE, UE, T, S (99)

107. **New Jersey Bell Telephone Company**

A Communications and Telephone Program for Lower Elementary Grades: Telezonia Teacher's Guide - American Tel. and Tel. Co., 1964.

This excellent guide emphasizes language arts, social studies, and science. The general concepts that are developed are:

1. Communication is important in family and community living
2. Good speaking and listening habits improve communication
3. The telephone is an important means of communication
4. The telephone directory helps us to use the telephone more efficiently
5. Sound and electricity help make the telephone work.

Also included are three excellent wall charts:

1. Telephone Courtesy
2. How the Telephone Works
3. How We Use the Telephone in an Emergency

and a booklet:

We Learn About the Telephone: A Story of Communication.

LE, UE, T (107)

108. **New Jersey Department of Conservation & Economic Development**

Booklets on natural areas of the state:

1. The Pine Barrens of New Jersey
2. Wharton Tract Plant Life
3. Nature at Allaire
4. Nature at Parvin
5. Protect Native Plants

Excellent for field trips and identification - well written.

LE, UE, T, S (108)

109. **U.S. Department of Agriculture**

Materials on Soil and Water Conservation Kit - an excellent packet of materials. A must for any teacher. Has broad application for all grades. Among some of the materials listed are:

1. Soil Conservation at Home - excellent
2. Teaching Soil and Water Conservation - a classroom and field guide
3. Soil and Water Conservation Activities for Boy Scouts
4. Conservation Pledge
5. Grass Makes Its Own Food
6. Make Homes for Birds
7. The Soil That Went to Town
8. Dennis the Menace and Dirt

LE, UE, T, S (109)

100. **National Cotton Council of America**

Cotton.
This is a 24 x 34" wall chart showing the production of cotton from field to the store. LR, UE, T (100)

The Story of Cotton.
Booklet written on the elementary level (simple enough for the third grader) about the history, importance, growth and production of cotton. LE, UE, T, S (100)

101. **National Dairy Council**

Eat the 1-2-3-4 Way - A beautiful wall chart on the basic four foods for each day. LE, UE, T (101)

102. **National Science Foundation**

Released Textbooks, Films and Other Teaching Materials, July 1968, #USF 68-24. Booklet giving material available from different companies on all phases of science. LE, UE, T (102)

103. **National Wildlife Federation**

This organization offers a wealth of materials on all levels, and much has direct application for the student. Among some materials are:

1. List of Conservation Education Publications
2. Advertising flyer on Ranger Rick magazine - (beautiful color photographs)
3. Habitat Improvement
4. This is Your Land
5. Estuaries
6. The Glory Trail - excellent
7. Birds and Flowers and Trees
8. Wildlife of Coastal Waters
9. Wildlife of Forests and Rangelands
10. Water
11. Wildlife of Farm and Field

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Reference material:

1. Forest Service Films - available on free loan
2. Living With Nature - items and information available
3. Ask Me Another - publications available

Pamphlets:

1. This We Believe - Statement of Conservation Policy
2. List of states and their special buds, flowers and trees
3. Learn to Live With Nature - Jim Davis
4. Conservation Information - Jim Davis

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104. **Department of the Navy**

List of Astronomical Publications - a mimeographed listing of publications and information sources useful for teachers. LE, UE, T (104)

105. **University of Nebraska**

Many materials for all grade levels:

1. Soil and Water Conservation in Nebraska
2. The Sandhills of Nebraska
3. Soil and Water Conservation Programs in Nebraska -
   EC 65-168 - information for speakers discussing soil and water conservation
4. A Conservation Project for Elementary School Children - Harold H. Gilman
6. A Watershed Educational Program - Harold H. Gilman
7. Watershed Development - Harold H. Gilman
8. Conservation Education for Elementary School Children -
9. EC 63-139, What Causes Soil Erosion?
10. EC 63-140, Kinds of Erosion
11. EC 63-141, What Causes Gullies?
12. EC 63-142, Can Gullies be Controlled?
13. EC 63-143, What is a Terrace?
14. EC 63-144, What is a Grassed Waterway?
15. EC 63-145, What is Wind Strip Cropping?
16. EC 63-147, Conservation Practices in Eastern Nebraska
17. EC 63-148, " " " Western "
18. EC 63-149, " " " Sandhills
19. EC 63-150, What is a Shelterbelt?
20. EC 63-151, Who Helps Nebraskans With Soil and Water Conservation?
21. EC 63-152, Grass in Soil and Water Conservation
22. EC 63-153, What is Stubble Mulch Farming?
23. EC 63-154, What is a Conservation Cropping System?
24. EC 63-155, Contour Bench Leveling

LE, UE, T, S (105)

106. **New Jersey Bell Telephone Company**

Pocket Program Planner - Teacher uses. This item will help teachers plan lessons, etc. Descriptive, entertaining, informative, educational-like films; programs for speakers, and special features. Arrangements for visits to telephone offices, telephone training tools, booklets, and business good usage program. Example: Experimenting to Learn How Sound is Carried. LE, UE, T (106)

110. **New Jersey Petroleum Council**

This organization offers a wide selection of educational aids from beautiful posters and booklets, to films and guest lecturers. Ask for the Teacher's Resource Reference. An excellent organization. Of particular interest is the magnificent portfolio of color pictures on conservation.

LE, UE, T, S (110)

111. **New Jersey Water Company**

Your Water Supply - Small booklet describing water conservation from economic standpoint. How to read a water meter.

The Story of Water Supply - A good booklet describing water supply historically and technically.

LE, UE, T, S (111)

112. **New York State Conservation Department**

A Teacher's Packet for Conservation Information and Education - Interesting and educational leaflets, about 50, illustrated. Excellent.

1. Plants
2. An Ancient Beachhead (ancient plants of New York)
3. The Birches of New York
4. Changes in the Forests of New York
5. The Conifers of New York
6. The Epiphytes
7. The Growth of a Tree
8. Some Plant Galls of New York
9. Walnuts and Hickories
10. Some Lichens of New York
11. Some Marine Algae of New York State
12. Mosses - Our Unseen Friends
13. Mushrooms - To Eat or Not to Eat
14. Nut Trees of New York
15. The Oaks of New York State
16. Some Marsh and Aquatic Waterfowl Food Plants

Many leaflets on animals as well. Excellent.

LE, UE, T, S (112)

113. **Noxzema Consumer Service**

Let's Talk Skin - An informative four-page leaflet describing skin in detail. It has a cross-section of skin (picture) labeling parts. Skin blemishes, factors that contribute to nice looking skin, and make-up are briefed in this leaflet.

UE, T, S (113)

114. **Ohio Department of Natural Resources**

Flint - Ohio's Official Gem Stone	LE, UE, T, S	(114)
Conservation Club Projects	LE, UE, T	(114)
Attracting Birds in Ohio	LE, UE, T, S	(114)

115. **Oregon State Game Commission**

Free publications available from the Oregon State Game Commission are:

Wildlife Bulletins, Information Leaflets, Wildlife Series Leaflets, and other miscellaneous booklets and publications. Ask for Wildlife Conservation Materials. Excellent.
LE, UE, T (115)

116. **Parke, Davis and Company**

History of Pharmacy - 88p. (before dawn of history to modern times). Excellent. LE, UE, T

History of Medicine - excellent. LE, UE, T (116)

117. **Commonwealth of Pennsylvania**

Pa. Teaching Guide to Natural Resources Conservation - Curriculum Service Series No. 7. Very comprehensive. Excellent. Concepts, activities, films, etc. 110 p.
LE, UE, T (117)

118. **Commonwealth of Pennsylvania**

Common Trees of Pennsylvania - A booklet showing the trees of Pennsylvania. Each page contains a picture of the trees, leaves, twigs, and fruit. Brief description below picture tells size, use, areas where found. Excellent.
LE, UE, T, S (118)

119. **Pennsylvania Game Commission**

Deer - Information and pictures about deer. Series of pamphlets describing the growth of deer, why hunters should kill so many deer per season, and how to prepare venison. LE, UE, T (119)

25 Well Known Pennsylvania Mammals - Several pamphlets about the mammals of Pennsylvania. Pictures of each and a description of their habits and habitat. How to build feed boxes and nesting places. LE, UE, T (119)

Birds of Pennsylvania - Several booklets about the birds of Pennsylvania. Pictures, descriptions. Also, directions on how to help care for these birds, how to attract them, and how to build houses for them.
LE, UE, T (119)

120. **U.S. Department of Agriculture**

Materials to Help Teach Forest Conservation - an unbelievable booklet listing educational aids, posters, etc. Detailed explanation and address are supplied. A must for all teachers interested in conservation. Ask for by title and number - FS-28. LE, UE, T (120)

You Need Water - a series of six lessons on water. Excellent.
LE, UE, T (120)

You Need Trees - series of six lessons on trees and additional information sources. Excellent. LE, UE, T, S (120)

You Owe the Land a Living - series of six lessons on land management and use. Excellent. LE, UE, T, S (120)

121. **Peter Pan Peanut Butter**

Peter Pan Tells All About Peanuts - an interesting 19p. booklet on peanuts. LE, UE, T (121)

122. **Pharmaceutical Manufacturers Association**

The Story of Health - a valuable catalogue describing nearly 300 publications and the like by various manufacturers. A must for any teacher. LE, UE, T (121)

123. **Phillips Petroleum Company**

An excellent series of booklets on pasture and range plants. Full color, well done, useful. LE, UE, T, S (123)

124. **Poultry and Egg National Board**

The Egg and You - 16 p. booklet - why are eggs so important as a food - eggs contain: - what is an egg? egg grades - egg quality - how they are cooked, etc. Well illustrated. LE, UE, T, S (124)

125. **Public Health Service**

Leaflets and Pamphlets of the Public Health Service
Catalogue of Educational Materials
Available from the Public Health Service.
LE, UE, T (125)

126. **Public Service Electric and Gas Company**

Where Did You Come From? - booklet. The story of how electricity is made. LE, UE, T (126)
The Story of Gas and How It Comes To You - booklet
Catalogue of Audio-Visual Aids - available to elementary and secondary schools (tours, films, demonstrations, vocational guidance talks, other literature).
LE, UE, T (126)

127. **Ralston Purina Company**

The Purina Horse Book - 24 p. booklet, excellent photos and advice on care and feeding and management of horses and colts. Modern feed manufacture requiring sophisticated men and machinery for testing is described. Anatomy, reproduction and disease and pest control are included.
LE, UE, T, S (127)
The Purina Goat Book - 8 p. Management for raising kids, breeding does, milking and drying off, maintaining sanitation, and making a profit on the operation is detailed.
LE, UE, T, S (127)

128. **Reserve Mining Company**

Minnesota's Iron Mining Industry - 14 p. booklet explaining the industry. Also, a packet of iron ore materials at various stages of refining. An excellent teaching aid.
LE, UE, T, S (128)

129. **Reynolds Metals Company**

Educational Kit:

Aluminum Production - poster

The Story of Aluminum - booklet, and samples of bauxite and alumina, and smooth and rough sheet aluminum. Excellent wall chart. LE, UE, T (129)

130. **Save–the–Redwoods League**

Excellent materials on redwood forests and tree growth. Among them are:

1. A Living Link in History
2. Redwoods of the Past
3. Story Told by a Fallen Redwood
4. Trees, Shrubs and Flowers of the Redwood Region
5. Set of color postcards of coast redwoods in the league's program

LE, UE, T, S (130)

131. **Scott Paper Company**

The World of Paper and Scott Paper Company - 20 p. booklet. History of discovery and invention of paper by Chinese - shortly treated account of operations related to paper-making from logging and wood products, to paper operations-making. Account of short history of Scott.

LE, UE, T (131)

Envelope of small amount of wood chips

Sheet of white cardboard

Sheet of brown cardboard LE, UE, T (131)

132. **Shell Oil Company**

An Introduction Into Collecting Seashells and Rocks

An interesting and useful booklet on how to collect, arrange and identify specimens. LE, UE, T, S (132)

133. **Smith, Kline and French**

The Miracle of Life

This beautifully illustrated 22 p. booklet tells about the physiology, embryology and heredity involved in the creation of a new human being. Simple enough for the intermediate grade child to read, but the teacher would have to help in explaining some parts. LE, UE, T, S (133)

The Wonderful Human Machine

Beautifully illustrated booklet about the anatomy and physiology of the human body. Could be used in the elementary intermediate grades in a study of the human body and its parts. LE, UE, T, S (133)

134. **Smithsonian Institute**

An interesting packet of information about some early airplanes. Good when teaching about flight. Helpful to teacher and student. LE, UE, T, S (134)

135. **Soil Conservation Service**

Conservation of Natural Resources - Teacher's Kit

An extremely valuable packet of materials contains materials for teacher and student, of immediate use for all grade levels. Excellent. LE, UE, T (135)

136. **Sonotone Corporation**

24 x 48" charts on The Human Ear, How We Hear, and a booklet to use with the charts entitled Mechanical Principles of the Human Ear, by Fred W. Krantz, LE, UE, T (136)

137. **South Carolina Wildlife Resources Department**

Educational Handouts - Field trips for teacher's use, bulletins, and titles of other different publications listed. LE, UE, T, S (137)

138. **St. Regis Paper Company**

The Trees and the Forests

An excellent full-color book on trees and forests. Beautiful paintings on biology and economics of trees and forests. LE, UE, T, S (138)

139. **Standard Oil Company**

The Civilizing Molecules - A report on the expanding horizons of petroleum science and technology and their multiplying contributions to a world economy of greater abundance and variety. Gives the reader a broader and more up-to-date view of the petroleum industry. Helpful pictures and diagrams included. UE, T (139)

Oil In America - Chart suitable for bulletin display. One side shows map of U.S.A. and the varied uses of oil by-products throughout the country. The Other side tells facts about oil and its use in various aspects of life, e.g. transportation, education, medicine, home, etc. LE, UE, T (139)

140. **Sunkist Growers**

Sunkist Growers California-Arizona Citrus Fruit Growing Areas

Large, 8 p., well-illustrated booklet describing the industry, and answers to problems in teacher's guide. An excellent pamphlet on from flowers to table.
Student activities included. LE, UE, T, S (140)

The Golden Fruit

An 8 p. article, well illustrated, on history, biology, and value of citrus fruits. Excellent. LE, UE, T, S (140)

141. **Swift and Company**

The Story of Grass - The Story of Soil - The Story of Plants - The Story of Meat Animals - Meat and the Mississippi River - The Story of Poultry - The Story of Dairy Animals - How Meat Moves to Market - The Winning Combination

All excellent booklets and teacher's guide. LE, UE, T, S (141)

142. **Sylvania Electric Products, Inc.**

Light and Man

1. A History of Human Achievement
2. Radiant Energy
3. Unusual Lighting Applications

Good material for class use. Lots of drawings and reasonably easy reading material. Information on light and how it is used and works. Excellent.

LE, UE, T, S (142)

143. **Teachers Library, Inc.**

Crystal Gazing - The Story of Cane Sugar

An excellent book about sugar. LE, UE, T, S (143)

Ten Wonderful Things About Cane Sugar LE, UE, T (143)

Teaching About Cane Sugar

A teacher's guide. Lesson plans and project ideas. Excellent. Experiments, etc. LE, UE, T (143)

144. **Thomas Y. Crowell Company**

Teachers Guide - Nelson Beeler and Franklyn Branley

Tested science experiments. Excellent.

LE, UE, T (144)

145. **U.S. Department of Agriculture**

Tennessee Soil and Water Conservation Information Kit

An excellent kit. Posters for display and booklets on conservation projects in progress in the state.

LE, UE, T (145)

146. **Tennessee Department of Conservation**

Tennessee Wildlife (prepared by the Public Relations Div.)

Life history, food, enemies, and uses of 24 different forms of wildlife. Includes cottontail rabbit, bobwhite quail, gray squirrel, raccoon, opossum, black bear, coot, muskrat, sparrow hawk, etc. Also includes other information such as where they are found, how they look, etc. Very good illustrations of each form of wildlife. 28 p. LE, UE, T, S (146)

Materials to Help Teach Forest Conservation

Excellent list of references. LE, UE, T (146)

147. **Trans World Airlines**

Air World Education Study Series - featuring Instructor

Series of 8-12 page booklets (4):

1. Education in One World
2. Flight Then
3. Flight Now
4. Flight When

Student Series - 8-16 page booklets (4)

1. Doorway to the Sky
2. What Makes An Airplane Fly
3. Airplanes For a Better World
4. Songs of Travel in Many Lands

Written simply, these would be great for upper elementary science or social studies. UE, T, S (147)

148. **The United Aircraft**

The Age of Flight - Short history of flight with black and white pictures of old and new means of air travel.

LE, UE, T (148)

149. **United Fresh Fruit & Vegetable Association**

Jane and Jimmy Learn About Fresh Fruits and Vegetables - Booklet tells in picture and story about nutrition and the food values of fruits and vegetables as the children visit places and participate in family situations which deal with foods, such as Shopping at the Grocers, and Taking a Picnic. The last page has a letter printed to mom and dad in word and pictures, and a place for the student to sign his own name. Pictures may also be colored by children.

LE, UE, T, S (149)

150. **U.S. Atomic Energy Commission**

Much information offered - some listed below:

Atoms at the Science Fair - 52 p. Choosing topic, exhibiting.
Atoms, Nature, and Man - 57 p.
Atoms in Agriculture - 24 p.
A B C's of Radiation - 28 p. booklet
The Petrified River - The Story of Uranium
Chronology of Steps Leading to Our Present Knowledge About Nuclear Science
Film Catalogue (elementary to college level)
Glossary of Nuclear Terms
Colorful Chart - Atomic Energy Uses

LE, UE, T (150)

151. **U.S. Beet Sugar Association**

Beet Sugar Kit

This kit includes everything the classroom teacher will need to teach the subject of beet sugar. Items include: a teaching guide, a background manual for the teacher, a story form booklet for each child, 4 color posters, and an appropriate evaluation test sheet for each child.

LE, T, S (151)

152. **U.S. Department of Commerce**

A great deal of weather information including maps, charts, tables and pamphlets. Excellent material for the teacher and student, as well as bulletin board items. Ask for general information about E.S.S.A. and for specific items. Among those of particular interest are the following:

1. Daily Weather Map. 20 x 24", two-color, of U.S.
2. Some Outstanding Snow Storms
3. Instructions for Making an Inexpensive Rain Gauge
4. Some Outstanding Blizzards
5. Hurricanes

6. Hurricane Tracking Chart
7. Tornado Information Kit
8. Winter Storms
9. Lightning
10. Floods
11. Tsunamis (Tidal Waves) LE, UE, T, S (152)

153. **U.S. Department of Interior**

Geologic Maps Portraits of the Earth - 19 p. booklet (how geologists work)
The Interior of the Earth - 4 p. leaflet (suitable for posting)
Earthquakes - 20 p. booklet (history, location, causes, measurement, predicting)
Bituminous Coal - 29 p. booklet (technical chapter from 1965 Mineral Facts and Problems)
Anthracite - 21 p. booklet (technical chapter from 1965 Mineral Facts and Problems)
Coal Areas in the United States - small colorful map
Some information could be adapted for all levels of elementary. Useful for teacher information when studying rocks, formation of earth, uses of earth's resources, social studies, beginning of the earth (prehistoric era). Information is most useful.

LE, UE, T, S (153)

154. **U.S. Department of Interior**

Petroleum and Natural Gas - booklet.
The Magic of Sulphur
For the Benefit of Man (aboutimproving conservation in mining).
Clearing the Air
Review of the Bureau of Mines Coal Program of 1967
Also included are two booklets on anthracite and bituminous coal.
Wallcharts included are:
The Petroleum Tree (shows products obtainable from crude oil)
Coal Products Tree (shows products obtainable from coal)
Conservation Chart
A film list is included. LE, UE, T (154)

155. **U.S. Department of Interior**

America's Eagle Heritage
The National Wildlife Refuge System
Birds
Protecting Our Endangered Birds
America's Wild Chickens
Bird Banding - The Hows and Whys
The Migration of Birds
America's Rare Sea Mammals
America Goes Fishing
Trapping Tips for Young Trappers

Also includes pamphlets on the Texas Longhorn, Desert Bighorn Sheep, Pronghorn Antelopes, The American Buffalo.

Endangered Wildlife Series - includes articles on five of America's endangered wild animals and pictures of same.

LE, UE, T, S (155)

156. **United States Steel Corporation**

How Steel Is Made - Kit containing mineral samples and filmstrip in color, with teadhing gui[illegible]. Excellent. A must for any teacher. LE, UE, T (156)

Mak[illegible]ng Iron and Steel - picture set. (25) 8 x 10" photos. Excellent - a must, with teaching guide. LE, UE, T (156)

How Steel is Made - Chart 35 x 45. LE, UE, T (156)

157. **United States Steel Corporation**

Flow Chart Showing How Steel is Made - 16 x 22".
Flow Chart Showing How Coal Chemicals Are Made - 16 x 22.
The Making of Steel. UE, T (157)

158. **Graduate School of Oceanography**

Maritimes Magazine, published quarterly, contains various articles on oceanography. LE, T (158)

159. **Upjohn Company**

The Cell - booklet describing make up and function. Illustrations from microscopic slides include excellent photographs of cell division. LE, UE, T (159)

160. **U.S. Department of Agriculture**

Smokey the Bear - chart, 12 x 24" in color. LE, UE, T (160)

How A Tree Grows - chart, 24 x 36" in color. Explains parts, their function and photosynthesis. Excellent. LE, UE, T (160)

Why Leaves Change Color - pamphlet. LE, UE, T, S (160)

Ranger Rithmetic - booklet for 1st and 2nd grade. Problems and facts on forests. LE, UE, T (160)

Trees of the Forest - booklet. Their beauty and use. LE, UE, T (160)

Pamphlets showing large pictures of the leaves and giving facts on maples, sugar maple, American beech, ashes, walnut and butternut, eastern red cedar, junipers, sweetgum, yellow poplar, red spruce, sitka spruce, eastern white pine, longleaf pine, shortleaf pine, whit[illegible] oak, black locust, elms. Excellent identification keys. LE, UE, T, S (160)

Conservation Crossword Puzzle (23 fill-ins). Answers given. Good. Pamphlet FS-60. UE, S (160)

161. **U.S. Department of Agriculture**

How a Tree Grows - poster, 24 x 20". Request #FS-8. Color illustration of tree, showing inner and outer structures; identification of parts and their functions is clearly shown. Also included is a short explanation on photosynthesis and enzymes.
LE, UE, T (161)

What We Get From Forest Lands - poster. Excellent.
What We Get From Trees - poster. Excellent.
LE, UE, T (161)

Many other pamphlets, etc. Among some are:
Your Water Supply and Forests
Forest Insects and Disease - conservation teaching aid (many of this series).
Suggestions for Integrating Forestry in the Modern Curriculum (161)

162. **U.S. Department of Health, Education & Welfare**

Science Teaching in the Elementary Schools
This is a hundred page booklet showing, through a nationwide study, the present practices of science teaching in the elementary schools.
LE, UE, T (162)

163. **U.S. Department of Agriculture**

Conservation and the Water Cycle - Bulletin #326. Excellent diagrams for teaching water cycle.
LE, UE, T, S (163)

General Soil Map of State of Washington UE, T (163)

More Wildlife Through Soil and Water Conservation - Bulletin #175. UE, T (163)

Conserving Our Natural Resources - A 4-H leader's guide. Excellent teacher's guide. PA-614.
LE, UE, T (163)

Water Intake by Soil Experiments. For high school students. Pub. #925. LE, UE, T (163)

164. **West Virginia Department of Natural Resources**

Mammals of West Virginia and Owls of West Virginia. Excellent - a must. Large color posters. LE, UE, T (164)

165. **Western Wood Products Association**

Information About Our Forests and Products - teacher's packet. Includes several pamphlets on trees such as ponderosa pine, sugar pine, logepole pine, engelmann spruce, incense cedar, western red cedar, western larch, and douglas fir. Useful. #P52-511.
LE, UE, T (165)

166. **U.S. Department of Agriculture**

Why Leaves Change Color - an interesting pamphlet explaining the fall colors in simple language. LE, UE, T, S (166)

What We Get From Trees - 28 x 40" poster. Most attractive and clearly understood. Shows what products are made from trees. Excellent. Multi-color. LE, UE, T, S (166)

Smokey's Friends Don't Play With Matches - 7 x 10" poster. Useful in terms of conservation safety for bulletin board. LE, T, S (166)

National Forests: America's Playground - 18 x 24" poster explaining the national forest systems. LE, UE, T (166)

167. **Woods Hole Oceanographic Institution**

Oceanus - magazine published monthly on various topics about oceanography. Ask to be placed on mailing list. LE, UE, T (167)

168. **World Explorers Program**

Silk cocoon and folder explaining it. LE, UE, T, S (168)

MAILING ADDRESSES OF AGENCIES AND COMPANIES MENTIONED IN THIS BOOKLET

Code	Address
1	U.S. Department of Agriculture Soil Conservation Service P.O. Box F Palmer, Alaska 99645
2	State of Alabama Department of Conservation Administrative Division Montgomery, Alabama 36100
3	Aluminum Company of America 1501 Alcoa Building, Pittsburgh, Pa. 15219
4	American Cancer Society New Jersey Division, Inc. 621 Central Avenue Newark, New Jersey 07107
5	Gloucester County Chapter American Cancer Society 59 N. Broad Street Woodbury, New Jersey 08096
6	Education Office American Chemical Society 1155 16th Street, N.W. Washington, D.C. 20036
7	American Dental Association 211 E. Chicago Avenue Chicago, Illinois 60611

Code	Address
8	American Forest Products Industries, Inc. 1835 K Street, N.W. Washington, D.C. 20006
9	American Forestry Association 919 17th Street, N.W. Washington, D.C. 20006
10	Educational Service Bureau American Gas Association 420 Lexington Avenue New York, N.Y. 10017
11	American Humane Association P.O. Box 1266 Denver, Colorado 80201
12	American Iron and Steel Institute 150 E 42nd Street New York, N.Y. 10017
13	American Littoral Society, Inc. Sandy Hook Marine Laboratory Highlands, New Jersey 07732
14	American Medical Association 535 North Dearborn Street Chicago, Illinois 60610
15	Education Office American Museum of Natural History Central Park West and 79th Street New York, N.Y. 10024
16	American National Red Cross Eastern Area 615 North Street and Asaph Street Alexandria, Virginia 22314

Code	Address
17	American Optometric Association 7000 Chippewa Street St. Louis, Missouri 63119
18	Public Relations Division American Paper Institute 260 Madison Avenue New York, N.Y. 10016
19	American Textile Manufacturers Institute, Inc. 1501 Johnston Building Charlotte, North Carolina 28202
20	Public Relations The Anaconda Company Room 2157, 25 Broadway New York, N.Y. 10004
21	Anchor Hocking Glass Corporation Lancaster, Ohio 43130
22	A. O. Instrument Company Eggert and Sugar Road Buffalo, New York 14215
23	Arabian American Oil Company Public Relations Department 505 Park Avenue New York, N.Y. 10022
24	Armour and Company Public Relations Department Chicago, Illinois 60690
25	Atlantic County Tuberculosis & Health Ass'n. 2648 Atlantic Avenue Atlantic City, N.J.

Code	Address
26	Atlantic States Marine Fisheries Commission 336 East College Avenue Tallahassee, Florida 32301
27	Bell Telephone Laboratories Public Relations & Publications Division Mountain Avenue Murray Hill, N.J. 07971
28	Board of Game & Fish Commissioners Dover, Delaware 19901
29	Bulova Watch Company 630 Fifth Avenue New York, N.Y. 10020
30	California Redwood Association 617 Montgomery Street San Francisco, California 94111
31	California State Department of Education Division of Instruction Bureau of Educational Programs & Subject Specialists 721 Capitol Mall Sacramento, California 95814
32	Camden County Heart Association 726 Cooper Street Camden, New Jersey 08102
33	Camden County Mosquito Extermination Commission White Horse Pike and Maple Avenue Lindenwold, New Jersey 08021
34	Camden County Soil Conservation Service 59 S. White Horse Pike Berlin, New Jersey 08009

Code	Address
35	Camden County Tuberculosis & Health Association 326 Market Street Box 1987 Camden, New Jersey 08101
36	Campbells Soups Camden, New Jersey 08101
37	Cereal Institute, Inc. 135 S. LaSalle Street Chicago, Illinois 60603
38	Educational Services Department Charles Pfizer & Company, Inc. 235 E. 42nd Street New York, N.Y. 10017
39	Chrysler Corporation Community Affairs Department P.O. Box 1919 Detroit, Michigan 48202
40	Colgate Professional Services Department 740 N. Rush Street Chicago, Illinois 60611
41	Con Edison Room 1633-S 4 Irving Place New York, N.Y. 10003
42	Conservation Education Foundation of Maine Freeman Waterhouse Campus Bryant Pond, Maine 04219

Code	Address
43	Cooperative Extension Service U.S. Department of Agriculture College of Agriculture & Environmental Science Rutgers, The State University New Brunswick, New Jersey 08903
44	Corn Products Company International Plaza Englewood Cliffs, New Jersey 07632
45	Corning Museum of Glass Corning Glass Center Corning, New York 14830
46	Cossman and Levine, Inc. 1238 N. Highland Avenue Department A. H. Hollywood, California 90038
47	Dairy Council, Inc. 234 S. 22nd Street Philadelphia, Pa. 19103
48	Department of Game 600 N. Capitol Way Olympia, Washington 98501
49	E. I. DuPont 1007 Market Street Wilmington, Delaware 19898
50	Eastman Kodak Company 343 State Street Rochester, New York 14650

Code	Address
51	Edmund Scientific Company Barrington, New Jersey 08007
52	Eli Lilly and Company P.O. Box 618 Indianapolis, Indiana 46206
53	Florida Citrus Commission Institutional & School Marketing Department Lakeland, Florida 33802
54	Florida Conservation Department Tallahassee, Florida 32304
55	Editorial Affairs Department Ford Motor Company The American Road Dearborn, Michigan 48121
56	Gaines Dog Research Center 250 Park Avenue New York, N.Y. 10017
57	Garden Club of America Conservation Committee 598 Madison Avenue New York, N.Y. 10022
58	General Mills, Inc. 9200 Wayzata Blvd. Minneapolis, Minnesota 55440
59	General Motors Corpor[illegible]on Research Laboratories Technical Data Department Detroit, Michigan 48202

Code	Address
60	Georgia-Pacific P.O. Box 311 Portland, Oregon 97207
61	Gloucester County Tuberculosis & Health Assn. 55 Delaware Street (rear) Woodbury, New Jersey 08096
62	Goodyear Tire and Rubber Company Akron, Ohio 44316
63	Greer Drug and Chemical Corporation Allergy Division Lenoir, North Carolina 28645
64	Hammermill Paper Company Educational Service Advertising Department P.O. Box 1440 Erie, Pennsylvania 16512
65	Hartford Insurance Group Hartford, Connecticut 06115
66	Hayes School Publishing Company, Inc. 321 Pennwood Avenue Wilkinsburg, Pennsylvania 15221
67	Health-Tex Standard Romper Co., Inc. 130 W. 34th Street New York, N.Y. 10001
68	Hershey Foods Corporation Hershey Chocolate & Confectionery Division Hershey, Pennsylvania 17033

Code	Address
69	Humble Oil and Refining Company Public Relations Department P.O. Box 2180 Houston, Texas 77001
70	Inland Steel Company Public Relations Department 30 W. Monroe Street Chicago, Illinois 60603
71	International Paper Company Southern Kraft Division Mobile, Alabama 36602
72	Japan Silk Association, Inc. 385 Fifth Avenue New York, N.Y. 10016
73	Department of Natural Resources Commissioners Office Frankfort, Kentucky 40601
74	Kellogg's Battle Creek, Michigan 49016
75	The Life Cycle Center Kotex Products Kimberly Clark Corporation Neenah, Wisconsin 54956
76	Lederle Laboratories Pearl River, New York 10965
77	Louisiana Department of Agriculture P.O. Box 4435 Capitol Station Baton Rouge, Louisiana 70804

Code	Address
78	Louisiana Forestry Commission P.O. Box 15239 Broadview Station Baton Rouge, Louisiana 70815
79	Louisiana Petroleum Council Suite 201 Attorneys Building 300 Louisiana Avenue Baton Rouge, Louisiana 70802
80	Louisiana State Soil and Water Commission P.O. Drawer C.S. Louisiana State University Baton Rouge, Louisiana 70803
81	Louisiana Wildlife and Fisheries Commission P.O. Box 44095 Capitol Station Baton Rouge, Louisiana 70804
82	Department of Communications 3M Company 3M Center St. Paul, Minnesota 55101
83	Maine Dept. of Inland Fisheries & Game Information and Education Division State Office Building Augusta, Maine 04330
84	Maine Forestry Department State Office Building Augusta, Maine 04330
85	U.S. Department of Agriculture Agricultural Research Service Federal Center Building Hyattsville, Maryland 20782

Code	Address
86	State of Maryland Department of Forests and Parks State Office Building Annapolis, Maryland 21404
87	Mead Johnson and Company Evansville, Indiana 47721
88	Merck and Company, Inc. Rahway, New Jersey 07065
89	School Health Bureau Metropolitan Life Insurance Company One Madison Avenue New York, N.Y. 10010
90	Department of Conservation Lansing, Michigan 48926
91	U.S. Department of Agriculture Soil Conservation Service Room 490 Milner Building Jackson, Mississippi 39205
92	Morton Salt Company 110 N. Wacker Drive Chicago, Illinois 60606
93	N.A.S.A. Washington, D.C. 20546
94	National Academy of Science National Research Council 2101 Constitution Avenue Washington, D.C. 20018

Code	Address
95	National Apple Institute Suite 410 2000 P Street, N.W. Washington, D.C. 20036
96	National Ass'n. of Hearing & Speech Agencies 919 18th Street N.W. Washington, D.C. 20006
97	Women's Department National Ass'n of Manufacturers 277 Park Avenue New York, N.Y. 10017
98	National Audubon Society 1130 Fifth Avenue New York, N.Y. 10028
99	National Coal Association Coal Building 1130 17th Street, N.W. Washington, D.C. 20036
100	National Cotton Council of America P.O. Box 12285 Memphis, Tennessee 38112
101	National Dairy Council Chicago, Illinois 60606
102	National Science Foundation Washington, D.C. 20550
103	National Wildlife Federation 1412 Sixteenth Street, N.W. Washington, D.C. 20036

Code	Address
104	Department of the Navy U.S. Naval Observatory Washington, D.C. 20390
105	Extension Service U.S. Department of Agriculture University of Nabraska Lincoln, Nebraska 68503
106	New Jersey Bell Telephone Co. Business Office (see your telephone directory)
107	New Jersey Bell Telephone Co. c/o Allied Audio Visual Aids 101 Richey Avenue Collingswood, New Jersey 08107
108	U.S. Department of Agriculture Soil Conservation Service Municipal Building 59 S. White Horse Pike Berlin, New Jersey 08009
109	Department of Conservation and Economic Development Division of Parks, Forestry & Recreation P.O. Box 1889 Trenton, New Jersey 08625
110	New Jersey Petroleum Council 1305 Parkside Avenue Trenton, New Jersey 08638
111	New Jersey Water Company 500 Grove Street Haddon Heights, New Jersey 08035

Code	Address
112	New York State Conservation Dept. Division of Conservation Education Albany, New York 12226
113	Noxema Consumer Service 156 E. 52nd Street New York, N.Y. 10022
114	Ohio Dept. of Natural Resources Administrative Services Section 1500 Dublin Road Columbus, Ohio 43215
115	Oregon State Game Commission P.O. Box 3503 Portland, Oregon 97208
116	Parke Davis and Company 2130 Highway 38 Cherry Hill, New Jersey 08034
117	Commonwealth of Pennsylvania Department of Agriculture Harrisburg, Pennsylvania 17120
118	Commonwealth of Pennsylvania Department of Forests and Water P.O. Box 1467 Harrisburg, Pennsylvania 17120
119	Pennsylvania Game Commission P.O. Box 1567 Harrisburg, Pennsylvania 17120
120	U.S. Department of Agriculture Forest Service 6816 Market Street Upper Darby, Pennsylvania 19082

Code	Address
121	Peter Pan Peanut Butter Derby Foods, Inc. 3327 W. 48th Place Chicago, Illinois 60632
122	Pharmaceutical Manufacturers Ass'n. 1155 Fifteenth Street, N.W. Washington, D.C. 20005
123	Phillips Petroleum Company Bartlesville, Oklahoma 74003
124	Poultry & Egg National Board 8 S. Michigan Avenue Chicago, Illinois 60603
125	Public Health Service U.S. Department of H.E.W. Washington, D.C. 20201
126	Public Service Electric & Gas Co. 418 Federal Street Camden, New Jersey 08101
127	Ralston Purina Company Checkerboard Square St. Louis, Missouri 63199
128	Reserve Mining Company Silver Bay, Minnesota 55614
129	Reynolds Metals Company Reynolds Metals Building Richmond, Virginia 23218
130	Save-The-Redwoods League 114 Sansome Street San Francisco, California 94104

Code	Address
131	Scott Paper Company Philadelphia, Pennsylvania 19113
132	Shell Oil Company 50 W. 50th Street New York, N.Y. 10020
133	Public Relations Smith, Kline and French 1500 Spring Garden Street Philadelphia, Pennsylvania 19101
134	Smithsonian Institute Washington, D.C. 20560
135	Soil Conservation Service 1370 Hamilton Street Box 219 Somerset, New Jersey 08873
136	Sonotone Corporation Elmsford, New York 10523
137	South Carolina Wildlife Resources Dept. Information & Education Division P.O. Box 167 Columbia, South Carolina 29202
138	St. Regis Paper Company 150 E. 42nd Street New York, N.Y. 10017
139	Standard Oil Company 30 Rockerfeller Plaza New York, N.Y. 10020

Code	Address
140	Sunkist Growers Box 2706 Terminal Annex Los Angeles, California 90054
141	Swift and Company Public Relations Department 115 W. Jackson Blvd. Chicago, Illinois 60604
142	Advertising District Department Sylvania Electric Products, Inc. 1100 Main Street Buffalo, New York 14209
143	Teachers Library, Inc. 1841 Broadway New York, N.Y. 10023
144	Thomas Y. Crowell Company 201 Park Avenue S. New York, N.Y. 10003
145	U.S. Department of Agriculture Soil Conservation Service 561 U.S. Court House Nashville, Tennessee 37203
146	Educational Services Department of Conservation 2611 West End Avenue Nashville, Tennessee 37203
147	Trans World Airlines Air World Education 605 Third Avenue New York, N.Y. 10016

Code	Address
148	United Aircraft East Hartford, Connecticut 06108
149	United Fresh Fruit & Vegetable Ass'n. Educational Materials Box 510 Dansville, New York 14437
150	U.S. Atomic Energy Commission P.O. Box 62 Oak Ridge, Tennessee 37830
151	United States Beet Sugar Ass'n. Educational Materials Box 500 Dansville, New York 14437
152	U.S. Department of Commerce E.S.S.A. Weather Bureau Silver Spring, Maryland 20910
153	U.S. Department of the Interior Bureau of Mines Washington, D.C. 20240
154	U.S. Department of the Interior Bureau of Mines 4800 Forges Avenue Pittsburgh, Pennsylvania 15213
155	U.S. Department of the Interior Fish & Wildlife Service Bureau of Sport Fisheries & Wildlife Washington, D.C. 20240

Code	Address
156	Public Relations Office Fairless Works United States Steel Corporation Fairless Hills, Pennsylvania 19032
157	United States Steel Company Public Relations Department 525 William Penn Place Pittsburgh, Pennsylvania 15230
158	Graduate School of Oceanography University of Rhode Island Kingston, Rhode Island 02881
159	Upjohn Company Kalamazoo, Michigan 49001
160	U.S. Department of Agriculture Forest Service Washington, D.C. 20250
161	U.S. Department of Agriculture Office of Information Washington, D.C. 20250
162	U.S. Department of Health, Education and Welfare Office of Education Washington, D.C. 20202
163	U.S. Department of Agriculture Soil Conservation Service 360 U.S. Court House Spokane, Washington 99201
164	Department of Natural Resources Charleston, West Virginia 25300

Code	Address
165	Western Wood Products Ass'n. Yeon Building Portland, Oregon 97204
166	U.S. Department of Agriculture Forest Service 633 W. Wisconsin Avenue Milwaukee, Wisconsin 53203
167	Woods Hole Oceanographic Institution Woods Hole, Massachusetts 02543
168	World Explorers Program 461 Park Avenue S. New York, N.Y. 10016

CONSERVATION AND ENVIRONMENTAL SCIENCE CENTER
For Southern New Jersey

R. D. 2, Box 2230 Browns Mills, N.J. 08015

Dr. V. Eugene Vivian, Director

MATERIALS REQUEST FORM

Environmental Education anywhere seeks to create a concern for all environments that leads to a commitment to preserve or develop optimum environments and to improve less desirable environments.

In addition, Environmental Education concerns itself with the learning environment; it seeks a commitment by educators to develop and utilize situations and conditions where learning can flourish.

CESC is a non-profit project supported by a consortium of 55 school districts and Glassboro State College with the Glassboro School District Board of Education as the project's fiscal agent for funds from ESEA Title III. The cost of each item has been determined by the cost of paper and mechanics of reproduction.

The materials listed are available upon request. CESC materials are not available in large quantities. Please check those items you would like to receive and circle the corresponding number on the order blank.

1. —— Application for Initial Operational Grant . . . . . $ .75
2. —— Application for Continuation Grant 2.00
3. —— Classroom and Curriculum Aids For Elementary School Science (a listing of Free Teaching Materials) 1.50
4. —— Laboratory Experiences in Marine Biology - Teacher Edition 75
5. —— Laboratory Experiences in Marine Biology - Student Edition 75
6. —— LEA Guidebook for Resident Environmental Education Programs . . . 1.50
7. —— Manual for College Participants in Environmental Education Programs (includes Teacher's Workshop Handbook) 2.00
8. —— Marine Science Feasibility Study 1.50
9. —— Marine Science Sourcebook 1.00
10. —— Teacher's Workshop Handbook/Residency Program 1.50
11. —— The World Out - Of - Doors 3.50

(See Reverse Side)

ENVIRONMENTAL EDUCATION INSTRUCTION PLANS — AVAILABLE NOW — 50 cents each

CODE: P = Primary, I = Intermediate, UE–J = Upper Elementary-Junior High, S = Secondary

12. — Angling for an Unknown Dimension - Mathematics . . . . . (UE–J)
13. — Everybody Talks About the Weather . . . . . (P)
14. — Forests – The Dichotomy Between Dollars & Dreams . . . . . (UE–J)
15. — Inviting Involvement in History - Social Studies . . . . . (UE–J)
16. — North, South, East, West – Map & Compass Study . . . . . (I)
17. — Tuning Up the Five Senses - Language Arts . . . . . (I)
18. — Water – The Waste of Plenty . . . . . (UE–J)

NEW ENVIRONMENTAL EDUCATION INSTRUCTION PLANS:

(Will be added as available during September '69 – June '70)

— Bird Study
— Insect Study
— Mammal Study
— Recreation in the Out-Of-Doors
— Soils & Geology
— Land Use
— Founding A Colony
— Historic Site Study
— Conservation Posters
— Exploitation of the Pine Barrens
— Water – Primary Level

OTHER CESC MATERIALS AVAILABLE: 25 cents Postage — TO COVER COST OF HANDLING

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20. — CESC Policies for Services
21. — A Deserted Farm Trip
22. — Environmental Newsletter
23. — Exploring a Deserted Historic Site
24. — Exploring Old Cemeteries
25. — Objectives in Environmental Education
26. — Operation Nightwatch
27. — Origins & Purposes
28. — Quadrat Study Guide
29. — Star Study Guide
30. — Study of a Rotting Log
31. — Stump Scouting
32. — The Jersey Devil
33. — Tips for Field Trips
34. — Whitesbog '71

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11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	

Please print your name and address clearly below.

Allow approximately 30 days for delivery.

Make all checks payable to: CESC, Inc.
R. D. 2, Box 2230
Browns Mills, N. J. 08015

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Address _____

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Zip